

NEWS 15 APR 07 50,000 World Traditional Medicine (WTM) Patents Now Available in CAPLUS
 NEWS 16 APR 07 MEDLINE Coverage Is Extended Back to 1947
 NEWS 17 JUN 16 WPI First View (File WPIFV) will no longer be available after July 30, 2010
 NEWS 18 JUN 18 DWPI: New coverage - French Granted Patents
 NEWS 19 JUN 18 CAS and FIZ Karlsruhe announce plans for a new STN platform
 NEWS 20 JUN 18 IPC codes have been added to the INSPEC backfile (1969-2009)
 NEWS 21 JUN 21 Removal of Pre-IPC 8 data fields streamline displays in CA/CAPLUS, CASREACT, and MARPAT
 NEWS 22 JUN 21 Access an additional 1.8 million records exclusively enhanced with 1.9 million CAS Registry Numbers -- EMBASE Classic on STN
 NEWS 23 JUN 28 Introducing "CAS Chemistry Research Report": 40 Years of Biofuel Research Reveal China Now Atp U.S. in Patenting and Commercialization of Bioethanol
 NEWS 24 JUN 29 Enhanced Batch Search Options in DGENE, USGENE, and PCTGEN

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
 AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 20:14:38 ON 15 JUL 2010

=> s substantially(p)pure(p)oxygen and ferment?
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=> index bioscience
 FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:15:51 ON 15 JUL 2010

62 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view

search error messages that display as 0* with SET DETAIL OFF.

=> s substantially(p)pure(p)oxygen and ferment? and sole(p)gas?

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0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
1 FILE BIOSIS
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
27 FILES SEARCHED...
0* FILE FOMAD
1* FILE FROSTI
0* FILE FSTA
4 FILE IFIPAT
0* FILE KOSMET
0* FILE NTIS
0* FILE PASCAL
53 FILES SEARCHED...
3 FILE USPATFULL
1 FILE USPAT2
0* FILE WATER

5 FILES HAVE ONE OR MORE ANSWERS, 62 FILES SEARCHED IN STINDEX

L1 QUE SUBSTANTIALLY(P)PURE(P)OXYGEN AND FERMENT? AND SOLE(P)GAS?

=> file biosis frosti ifipat uspatfull uspat2

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.38	1.82

FULL ESTIMATED COST

FILE 'BIOSIS' ENTERED AT 20:17:19 ON 15 JUL 2010
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FILE 'FROSTI' ENTERED AT 20:17:19 ON 15 JUL 2010
COPYRIGHT (C) 2010 Leatherhead Food Research Association

FILE 'IFIPAT' ENTERED AT 20:17:19 ON 15 JUL 2010
COPYRIGHT (C) 2010 IFI CLAIMS(R) Patent Services (IFI)

FILE 'USPATFULL' ENTERED AT 20:17:19 ON 15 JUL 2010
CA INDEXING COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 20:17:19 ON 15 JUL 2010
CA INDEXING COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1

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FIELD CODE - 'AND' OPERATOR ASSUMED 'PURE(P)OXYGEN'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'SOLE(P)GAS?'

L2 10 L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 5 DUP REM L2 (5 DUPLICATES REMOVED)

=> d 13 1-5

L3 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
DUPLICATE 1
AN 2010:367026 BIOSIS
DN PREV201000367026
TI Use of pure oxygen in viscous fermentation processes.
AU Brahmhbhatt, Sudhir [Inventor]; Anonymous
CS Glencoe, MO USA
ASSIGNEE: American Air Liquide Inc
PI US 07718405 20100518
SO Official Gazette of the United States Patent and Trademark Office Patents,
(MAY 18 2010)
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 23 Jun 2010
Last Updated on STN: 23 Jun 2010

L3 ANSWER 2 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN DUPLICATE 2
AN 11437338 IFIPAT;IFIUDB;IFICDB
TI Oxygen-Assisted Fermentation Process
IN Brahmhbhatt Sudhir R
PA Unassigned Or Assigned To Individual (68000)
PI US 20070087402 A1 20070419
AI US 2006-552828 20061025 (11)
RLI US 2004-779828 20040217 CONTINUATION PENDING
FI US 20070087402 20070419
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
ED Entered STN: 19 Apr 2007
Last Updated on STN: 7 May 2007
CLMN 24

L3 ANSWER 3 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN DUPLICATE 3
AN 11415889 IFIPAT;IFIUDB;IFICDB
TI USE OF PURE OXYGEN IN VISCOUS FERMENTATION PROCESSES
IN Brahmhbhatt Sudhir
PA Unassigned Or Assigned To Individual (68000)
PI US 20070065927 A1 20070322
AI US 2006-530364 20060908 (11)
PRAI US 2005-718462P 20050919 (Provisional)
FI US 20070065927 20070322
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
OS CA 146:331971
ED Entered STN: 23 Mar 2007
Last Updated on STN: 12 Apr 2007
CLMN 20

L3 ANSWER 4 OF 5 FROSTI COPYRIGHT 2010 LFRA on STN
AN 719650 FROSTI
TI Use of pure oxygen in viscous fermentation
processes.
IN Brahmhbhatt S.
PA LAir Liquide-SA a Directoire et Conseil de Surveillance pour Letude et
LExploitation des Procedes Georges Claude
SO FCT Patent Application
PI WO 2007034271 A1 20070329

AI 20060912
PRAI United States 20050919; 20060908
NTE 20070329
DT Patent
LA English
SL English

L3 ANSWER 5 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN DUPLICATE 4
AN 10942767 IFIPAT;IFIUDB;IFICDB
TI Oxygen-assisted fermentation process; Directing
substantially pure oxygen into
fermentation medium in order to enhance efficiency of
fermentation
IN Brahmabhatt Sudhir R
PA Unassigned Or Assigned To Individual (68000)
PPA American Air Liquide Inc (Probable)
PI US 20050181499 A1 20050818
AI US 2004-779828 20040217 (10)
FI US 20050181499 20050818
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
OS CA 143:228042
ED Entered STN: 19 Aug 2005
Last Updated on STN: 6 Mar 2008
CLMN 8

=> dup rem 15

L5 IS NOT VALID HERE

The L-number entered has not been defined in this session, or it
has been deleted. To see the L-numbers currently defined in this
session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> d up rem 13

'REM' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):.

L3 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
DUPLICATE 1
AN 2010:367026 BIOSIS
DN PREV201000367026
TI Use of pure oxygen in viscous fermentation processes.
AU Brahmabhatt, Sudhir [Inventor]; Anonymous
CS Glencoe, MO USA
ASSIGNEE: American Air Liquide Inc
PI US 07718405 20100518
SO Official Gazette of the United States Patent and Trademark Office Patents,
(MAY 18 2010)
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 23 Jun 2010
Last Updated on STN: 23 Jun 2010

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PROCESSING COMPLETED FOR L3

L4 5 DUP REM L3 (0 DUPLICATES REMOVED)

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L4 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2010:367026 BIOSIS
DN PREV201000367026
TI Use of pure oxygen in viscous fermentation processes.
AU Brahmabhatt, Sudhir [Inventor]; Anonymous
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ASSIGNEE: American Air Liquide Inc
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L4 ANSWER 2 OF 5 FROSTI COPYRIGHT 2010 LFRA on STN
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SO PCT Patent Application
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AI 20060912
PRAI United States 20050919; 20060908
NTE 20070329
DT Patent
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SL English

L4 ANSWER 3 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN
AN 11437338 IFIPAT;IFIUDB;IFICDB
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IN Brahmabhatt Sudhir R
PA Unassigned Or Assigned To Individual (68000)
PI US 20070087402 A1 20070419
AI US 2006-552828 20061025 (11)
RLI US 2004-779828 20040217 CONTINUATION PENDING
FI US 20070087402 20070419
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
ED Entered STN: 19 Apr 2007
Last Updated on STN: 7 May 2007
CLMN 24

L4 ANSWER 4 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN
AN 11415889 IFIPAT;IFIUDB;IFICDB
TI USE OF PURE OXYGEN IN VISCOUS FERMENTATION PROCESSES
IN Brahmabhatt Sudhir
PA Unassigned Or Assigned To Individual (68000)
PI US 20070065927 A1 20070322
AI US 2006-530364 20060908 (11)
PRAI US 2005-718462P 20050919 (Provisional)
FI US 20070065927 20070322
DT Utility; Patent Application - First Publication

FS CHEMICAL
 APPLICATION
 OS CA 146:331971
 ED Entered STN: 23 Mar 2007
 Last Updated on STN: 12 Apr 2007
 CLMN 20

 L4 ANSWER 5 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN
 AN 10942767 IFIPAT;IFIUDB;IFICDB
 TI Oxygen-assisted fermentation process; Directing
 substantially pure oxygen into
 fermentation medium in order to enhance efficiency of
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 IN Brahmhatt Sudhir R
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 FI US 20050181499 20050818
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 OS CA 143:228042
 ED Entered STN: 19 Aug 2005
 Last Updated on STN: 6 Mar 2008
 CLMN 8

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(FILE 'HOME' ENTERED AT 20:14:38 ON 15 JUL 2010)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
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 CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
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 SEA SUBSTANTIALLY(P)PURE(P)OXYGEN AND FERMENT? AND SOLE(P)GAS?

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 0* FILE KOSMET
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 0* FILE WATER

L1 QUE SUBSTANTIALLY(P)PURE(P)OXYGEN AND FERMENT? AND SOLE(P)GAS?

FILE 'BIOSIS, FROSTI, IFIPAT, USPATFULL, USPAT2' ENTERED AT 20:17:19 ON

15 JUL 2010

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L3 5 DUP REM L2 (5 DUPLICATES REMOVED)
L4 5 DUP REM L3 (0 DUPLICATES REMOVED)

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FIELD CODE - 'AND' OPERATOR ASSUMED 'STANTIALLY(P) PURE'
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L5 5 SUBSTANTIALLY(P) PURE(P) OXYGEN AND FERMENT? AND ONLY(P) GAS?

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L5 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 1990:217196 BIOSIS
DN PREV199089114486; BA89:114486
TI CRITICAL ASSESSMENT OF THE STEADY-STATE SODIUM SULFITE FEEDING METHOD FOR
K-A MEASUREMENT IN FERMENTORS.
AU LINEK V [Reprint author]; BENES P; SINKULE J
CS INST CHEM TECHNOL, DEP CHEM ENGINEERING, 166 28 PRAGUE 6, CZECHOSLOVAKIA
SO Biotechnology and Bioengineering, (1990) Vol. 35, No. 8, pp. 766-770.
CODEN: BIBIAU. ISSN: 0006-3592.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 10 May 1990
Last Updated on STN: 10 May 1990

L5 ANSWER 2 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN
AN 11437338 IFIPAT;IFIUDB;IFICDB
TI Oxygen-Assisted Fermentation Process
IN Brahmabhatt Sudhir R
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DT Utility; Patent Application - First Publication
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CLMN 24

L5 ANSWER 3 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN
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PI US 20070065927 A1 20070322
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PRAI US 2005-718462P 20050919 (Provisional)
FI US 20070065927 20070322
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
OS CA 146:331971
ED Entered STN: 23 Mar 2007
Last Updated on STN: 12 Apr 2007

CLMN 20

L5 ANSWER 4 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN
AN 10942767 IFIPAT;IFIUDB;IFICDB
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PA Unassigned Or Assigned To Individual (68000)
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FI US 20050181499 20050818
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
OS CA 143:228042
ED Entered STN: 19 Aug 2005
Last Updated on STN: 6 Mar 2008
CLMN 8

L5 ANSWER 5 OF 5 IFIPAT COPYRIGHT 2010 IFI on STN
AN 05196993 IFIPAT;IFIUDB;IFICDB
TI USE OF PURE OXYGEN IN VISCOUS FERMENTATION PROCESSES
IN Brahmabhatt Sudhir
PA American Air Liquide Inc (21034)
PI US 7718405 B2 20100518
US 20070065927 A1 20070322
AI US 2006-530364 20060908 (11)
PRAI US 2005-718462P 20050919 (Provisional)
FI US 7718405 20100518
DT Utility; Granted Patent - Utility, with Pre-Grant Publication
FS CHEMICAL
GRANTED
ED Entered STN: 19 May 2010
Last Updated on STN: 19 May 2010
CLMN 6

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(FILE 'HOME' ENTERED AT 20:14:38 ON 15 JUL 2010)

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DRUGMONO2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:15:51 ON 15 JUL 2010
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3 FILE.USPATFULL
1 FILE USPAT2
0* FILE WATER
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15 JUL 2010

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L4 5 DUP REM L3 (0 DUPLICATES REMOVED)
L5 5 S SUBSTANTIALLY(P)PURE(P)OXYGEN AND FERMENT? AND ONLY(P)GAS?

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LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 20:19:15 ON 15 JUL 2010